

Hot Zone Trapping

Different Methods to Target Pest Detection Activities

United States Department of Agriculture
Animal and Plant Health Inspection Service
Plant Protection and Quarantine

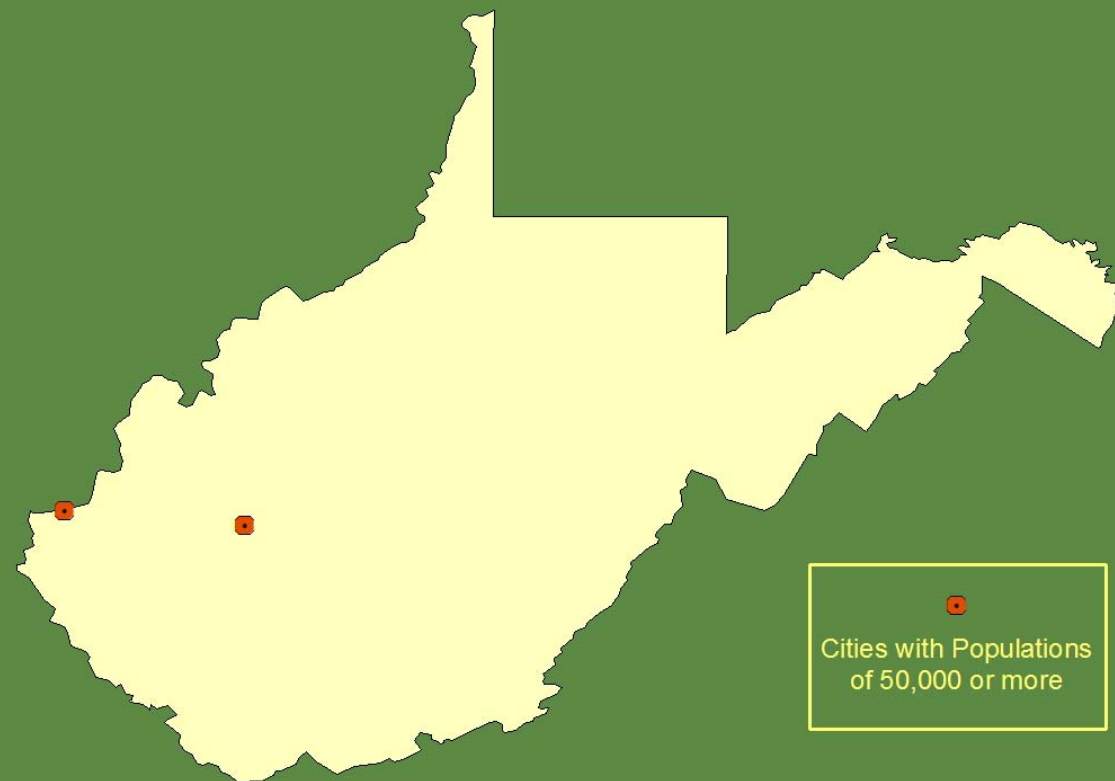
Hot Zone Mission Statement

To enhance the ability of the CAPS program to identify and target high risk areas and sentinel sites within the United States that have the highest potential for exotic pest introduction and to successfully provide early detection and eradication of these pests.



Hot Zone Trapping

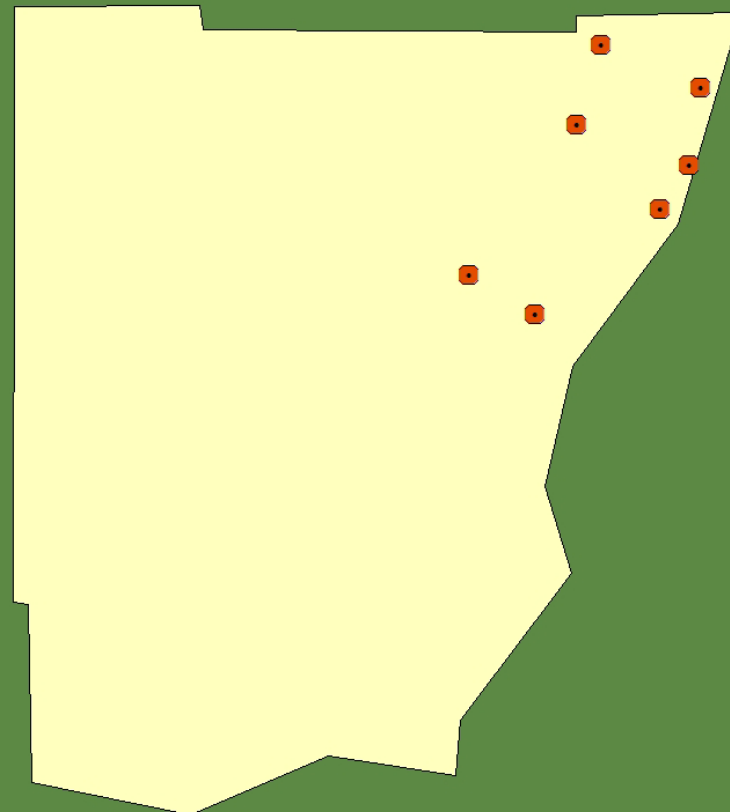
- A dynamic, adaptable approach to targeted pest detection
- Can be utilized in a multitude of situations and areas to prioritize areas of pest introduction risk
- Numerous tools available to collect and analyze data
- Successful from hometown-rural to ultra-urban



West Virginia

Population: 1,815,354 (Yes, the entire State)

Density: 75 people/square mile



Florida: Dade County

Population: 2,363,600

Density: 1215 people/square mile

Panel Members

Jason Watkins – Pest Survey Specialist, KY/WV
West Virginia Activity Summary

Eduardo Varona – Pest Survey Specialist, FL
Florida Activity Summary

Brett Miller – Regional Program Manager, WR
Western Region Activity Summary

Joe Russo – ZedX, Inc.
Web-based Technology for Targeting Pest Detection



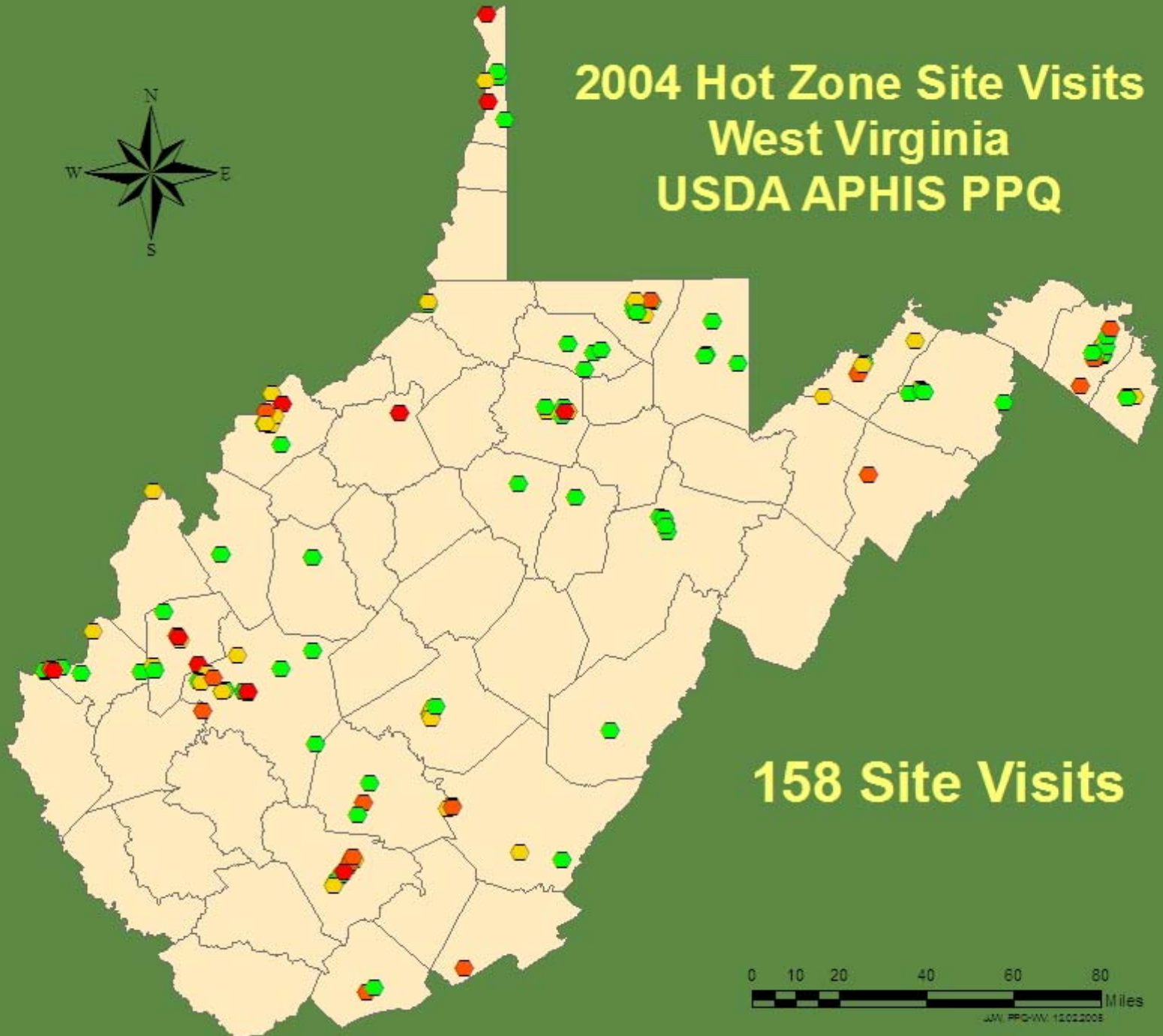
Hot Zone Trapping



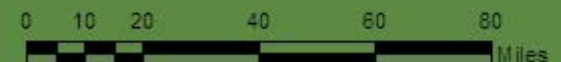
Targeting Pest Detection Activities in West Virginia



2004 Hot Zone Site Visits West Virginia USDA APHIS PPQ

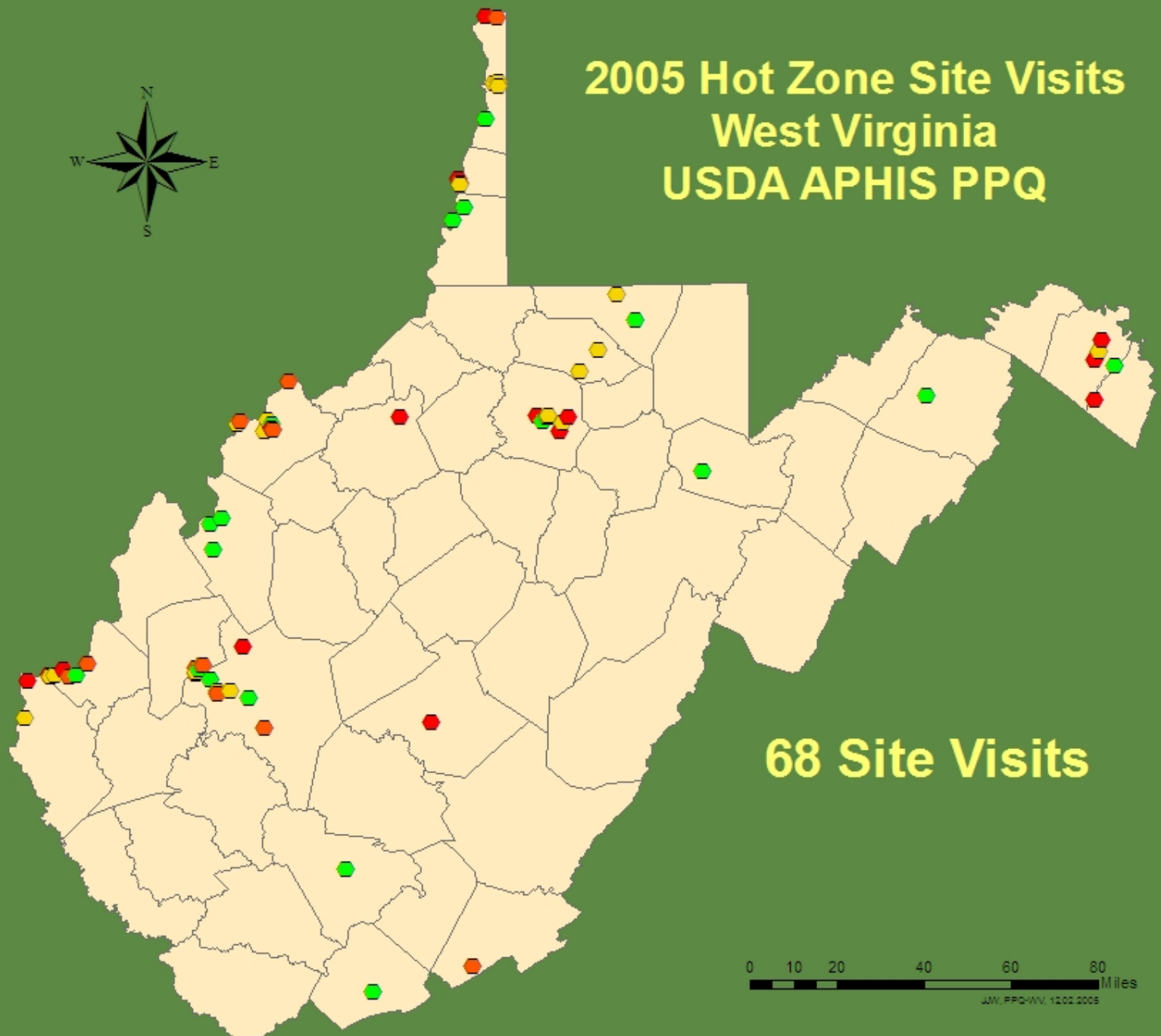


158 Site Visits



JWV, PPQ-WV, 11012008

2005 Hot Zone Site Visits West Virginia USDA APHIS PPQ





Hot Zone Trapping Program Questionnaire



05-4

The United States Department of Agriculture (USDA) is conducting an informational survey for potential pathway introductions of exotic and invasive species that may enter the United States. The USDA would appreciate your cooperation in answering of the following questions.

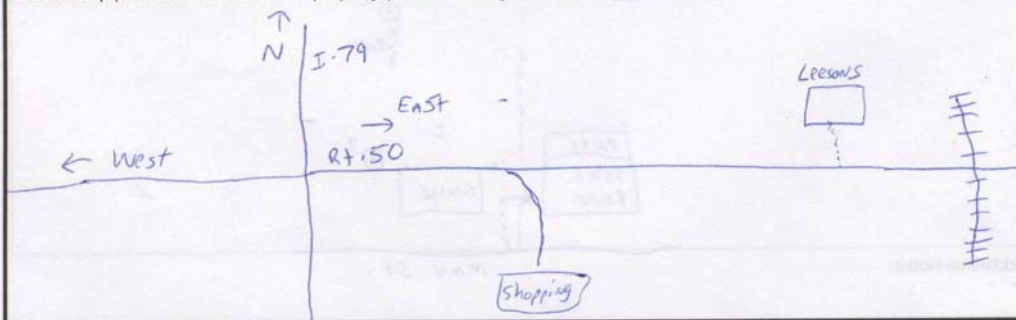
SECTION 1. BUSINESS INFORMATION

Business Name Leesons Import Motors	Business Type Motorcycles / ATV / Scooters
Address 320 W. MAIN ST. Bridgeport	County Harrison
Phone 304-842-5469	Fax
Contact(s) DERRICK LEESON	UTMs 17S 0564040 4348459

SECTION 2. COMMODITY INFORMATION

Does the business directly receive or import overseas or foreign commodities (check one)?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
If YES:		
A. What commodities does the business receive/import? From what countries? Scooters / Dirt Bikes - metal crates JAPAN, TAIWAN Scooters - wooden crate -		
B. How frequently are foreign commodities received? Scooters once per year.		
C. Does the business ship these commodities elsewhere (other businesses)? If yes, please list locations where commodities may be shipped. customers		
If NO, From where does the business receive its commodities?		

Draw a map/provide directions to the property (include mileage and road/route numbers).



If answer to question in Section 2 is YES, complete Sections 3 & 4 on Page 2, Sign and Date.
If answer to question in Section 2 is NO, skip Sections 3 & 4. Sign and date on Page 2.

SECTION 3. SITE ENVIRONMENT

The area around the business can best be described as (check box):

Industrial	Urban	Suburban <input checked="" type="checkbox"/>	Rural	Wooded
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Additional Notes:

Vegetation surrounding the business can best be described as (check boxes):

Large Trees	Smaller Trees	Landscaping
Evergreen	Evergreen <input checked="" type="checkbox"/>	Shrubs <input checked="" type="checkbox"/>
Deciduous <input checked="" type="checkbox"/>	Deciduous <input checked="" type="checkbox"/>	Evergreen <input checked="" type="checkbox"/>
	Fruit trees	Deciduous <input checked="" type="checkbox"/>
		Flower Beds
		Lawn/Grass <input checked="" type="checkbox"/>

Additional Notes:

Does any of the vegetation appear stressed (branch dieback, foliage yellowing, etc.)? YES NO ☒

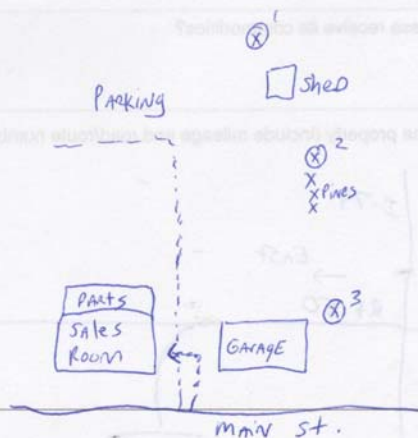
Take pictures of the site environment, including the surrounding vegetation

Picture Name - Brief Description

1. H2058-1 Pallets/Packing material
2. H2058-2 EBB trap set on property
3. H2058-3 BARK ON PACKING material

SECTION 4. PROPERTY MAP/COMMODITY PATHWAY

Draw map of property indicating commodity pathway after arrival with arrows.

Three EBB TRAPS
set 6/8/05

Additional Notes:

Signature of Agriculture Official

Richard Brand

Date

6/8/05



H2053



Hot Zone Trapping Program Questionnaire



The United States Department of Agriculture (USDA) is conducting an informational survey for potential pathway introductions of exotic and invasive species that may enter the United States. The USDA would appreciate your cooperation in answering the following questions.

SECTION 1. BUSINESS INFORMATION

Business Name Precision Coil	Business Type Coil/Aluminum
Address Rt. 50 + Wilsonburg Rd.	County Harrison
Phone 304-622-1984	Fax 304-622-2301
Contact(s) Jack Randimaat	UTMs 175 0552526 4348958

SECTION 2. COMMODITY INFORMATION

Does the business directly receive or import overseas or foreign commodities (check one)?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
If YES:		
A. What commodities does the business receive/import? From what countries? Aluminum coil in bulk, Egypt, Venezuela, China		
B. How frequently are foreign commodities received? 500,000 lbs. month Egypt AND Venezuela		
C. Does the business ship these commodities elsewhere (other businesses)? If yes, please list locations where commodities may be shipped. modify to customer specs, All states AND CANADA		
If NO, From where does the business receive its commodities?		

Draw a map/provide directions to the property (include mileage and road/route numbers).

If answer to question in Section 2 is YES, complete Sections 3 & 4 on Page 2, Sign and Date.
If answer to question in Section 2 is NO, skip Sections 3 & 4. Sign and date on Page 2.

SECTION 3. SITE ENVIRONMENT

The area around the business can best be described as (check box):

Industrial	Urban	Suburban	Rural	Wooded
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Additional Notes:

Vegetation surrounding the business can best be described as (check boxes):

Large Trees	Smaller Trees	Landscaping
Evergreen <input checked="" type="checkbox"/>	Evergreen <input checked="" type="checkbox"/>	Shrubs <input checked="" type="checkbox"/>
Deciduous <input checked="" type="checkbox"/>	Deciduous <input checked="" type="checkbox"/>	Evergreen <input checked="" type="checkbox"/>
	Fruit trees	Deciduous <input checked="" type="checkbox"/>
		Flower Beds
		Lawn/Grass <input checked="" type="checkbox"/>

Additional Notes:

Does any of the vegetation appear stressed (branch dieback, foliage yellowing, etc.)? YES NO ☒

Take pictures of the site environment, including the surrounding vegetation

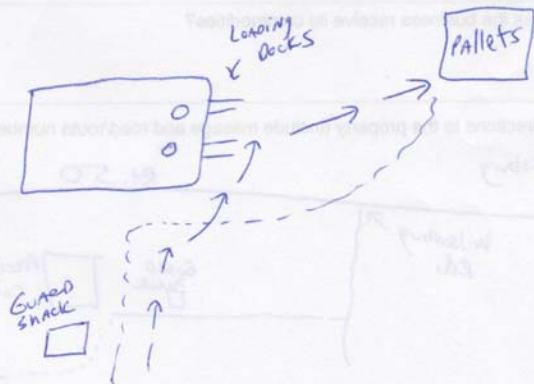
Picture Name - Brief Description

1. H2053-1 Pallets
2. H2053-2 Loading Dock
- 3.

- 4.
- 5.
- 6.

SECTION 4. PROPERTY MAP/COMMODITY PATHWAY

Draw map of property indicating commodity pathway after arrival with arrows.



Additional Notes:

Signature of Agriculture Official

Rachel Brant

Date

6/7/05



Proposed work for 2006...

Potential Ports/Points of Entry

- Military bases
- Rest Areas and Weigh Stations
- Airports
- Sales Genie queries to check for holes in data (194 pages of codes)

The usual review of the following...

- EAN Review – PPQ 523
- Mail Interceptions – PPQ 287
- Notice of Imported Plants/Plant Material – PPQ 264
- Permit to Move Live Plant Pests or Noxious Weeds – PPQ 526
- General Permits
- Fumigation Database
- Follow up on state specific data received from Regional Office